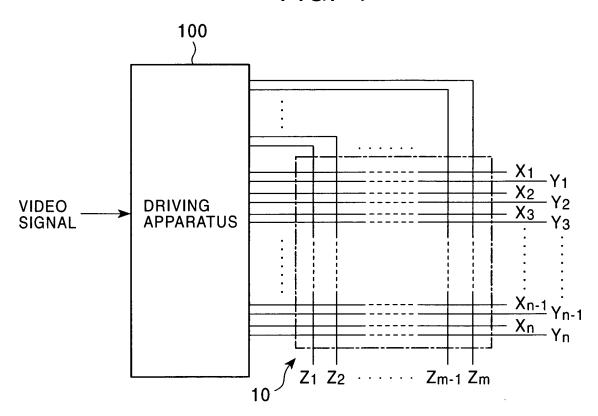
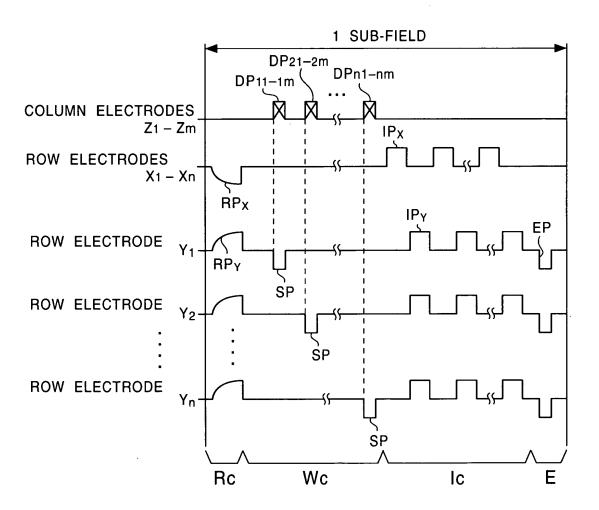


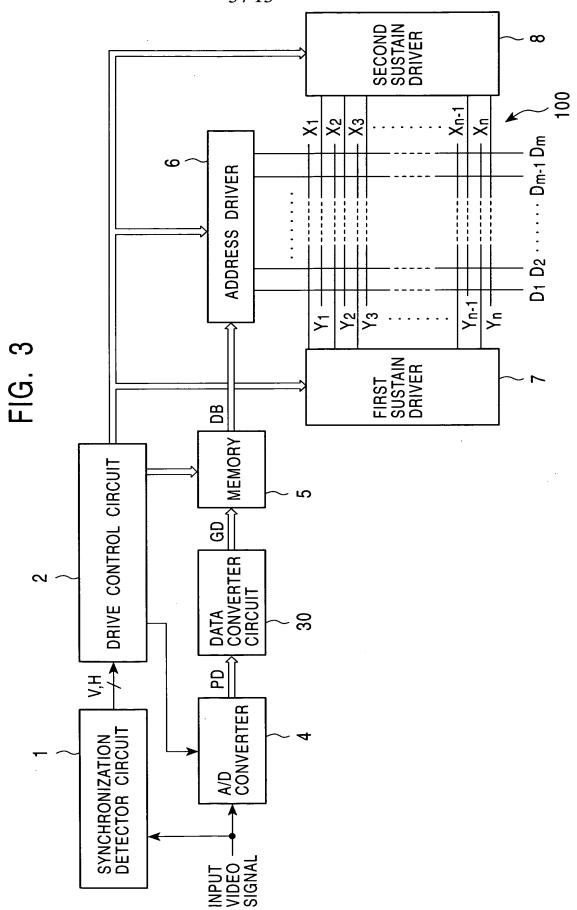
FIG. 1



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FIG. 2





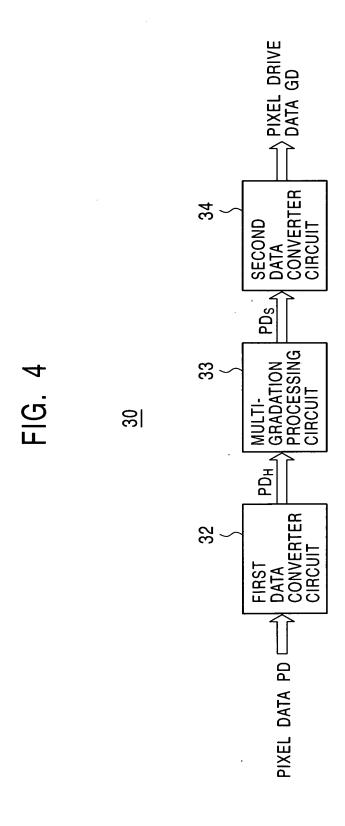
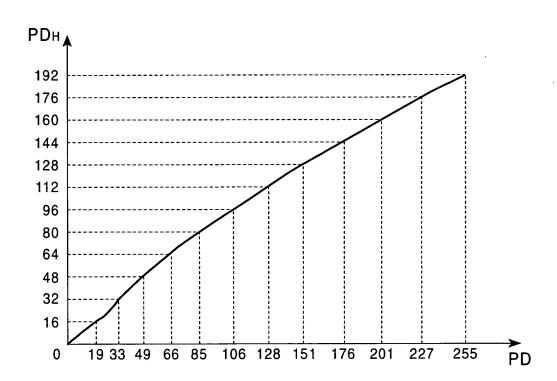


FIG. 5



Group Art Unit: 2871

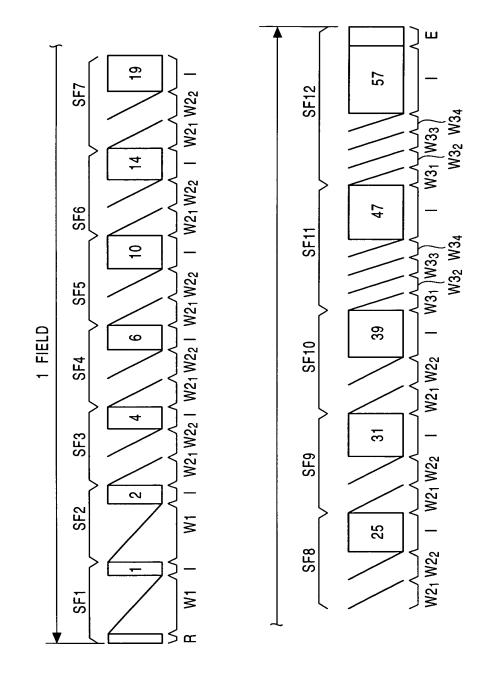
SUGHRUE Reference No.: Q80393 SUGHRUE Telephone No.: 202-293-7060

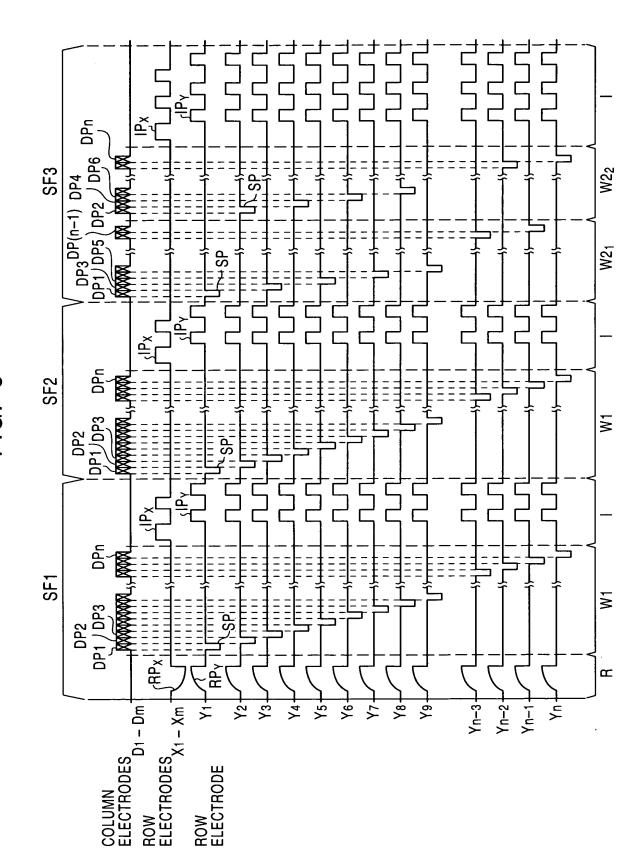
LUMINANCE SF 12 SF SF 10 11 O LIGHT EMISSION DRIVING PATTERN FOR ONE FIELD SF 9 SFSF 37 7 8 ∞ SF 6 SF SF O SF SF α SF SECOND O CONVERSION TABLE FOR S DATA CONVERTER CIRCUIT ω g ဖ S က S PDs GRADATION LEVEL ထတ 9 /

BLACK CIRCLE: SELECTIVE ERASURE DISCHARGE WHITE CIRCLE: SUSTAIN DISCHARGE LIGHT EMISSION

Inventor's name: Takashi IWAMI Title: Display panel driving method Application No.: 10/801,638

Application No.: 10/801,050
Filed: March 17, 2004
Group Art Unit: 2871
SUGHRUE Reference No.: Q80393
SUGHRUE Telephone No.: 202-293-7060

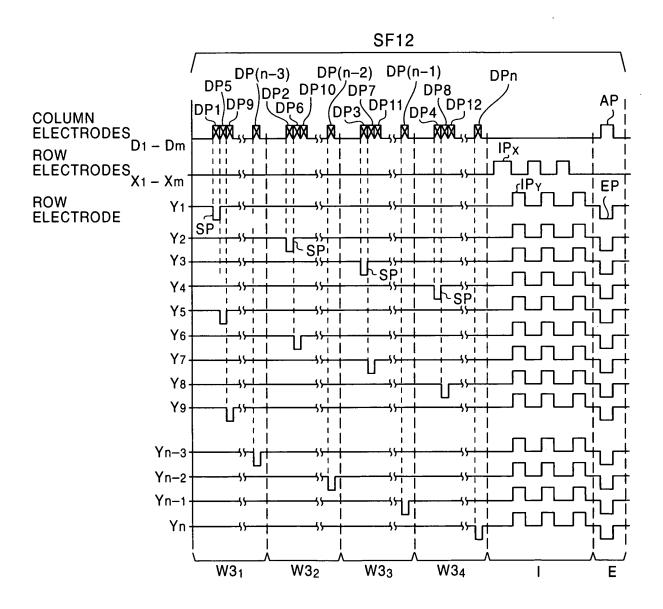




Group Art Unit: 2871

SUGHRUE Reference No.: Q80393 SUGHRUE Telephone No.: 202-293-7060

FIG. 9



Group Art Unit: 2871 SUGHRUE Reference No.: Q80393 SUGHRUE Telephone No.: 202-293-7060

10/13

FIG. 10

				ν(m−	·1)		
D ₁	D ₂	Dз	D ₄	D ₅		D _(m-2) \	Dm
0	0	0	0	0		0 0	0
	•	•		•		• •	
0	0	0	0	0		0 0	0
		•	•	•		• •	•
0	0	0	0	0		0 0	0
	•	•	•	•		• •	•
0	0	0	0	0		0 0	0
	•	•	•	•		• •	•
0	0	0	0	0		0 0	0
						•	
		•				•	
O	0	0	0	0		0 0	0
	•	•	•	•		• •	•
O	0	O	0	0		0 0	0
	•	•	•	•		• •	
	0 • 0 • 0						

O: LIGHT EMISSION MODE •: LIGHT EXTINCTION MODE

Group Art Unit: 2871

SUGHRUE Reference No.: Q80393 SUGHRUE Telephone No.: 202-293-7060

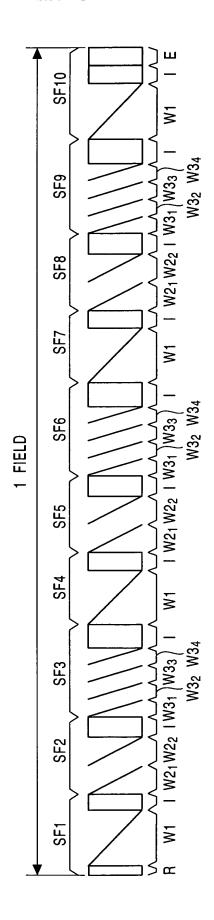
11/13

FIG. 11

 $D_{(m-1)}$ D₁ D₂ D₃ D₄ D₅ D_(m-2) \ D_{m} 0000 FIRST DISPLAY LINE 0 SECOND DISPLAY LINE 0 0 0 \circ 0 0 THIRD DISPLAY LINE FOURTH DISPLAY LINE 00 FIFTH DISPLAY LINE 0 0 SIXTH DISPLAY LINE \circ SEVENTH DISPLAY LINE EIGHTH DISPLAY LINE NINTH DISPLAY LINE 000 00 00 \circ (n-3)TH DISPLAY LINE 00 00000 (n-2)TH DISPLAY LINE (n-1)TH DISPLAY LINE 00 00 0 0 0 n-TH DISPLAY LINE

○: LIGHT EMISSION MODE●: LIGHT EXTINCTION MODE

12/13



Inventor's name: Takashi IWAMI Title: Display panel driving method Application No.: 10/801,638 Filed: March 17, 2004 Group Art Unit: 2871 SUGHRUE Reference No.: Q80393 SUGHRUE Telephone No.: 202-293-7060 13 / 13 ш SF10 ₹ SF9 ₹ SF8 ₹

W21 W22 | W21 W22 | W21 W22 | E SF10 SF10 W32 W34 SF9 SF9 W32 W34 SF8 SF8 SF7 SF7 SF7 ⋚ W21 W22 | W21 W22 | W21 W22 | W21 W22 | SF6SF6 SF6 \geq FIELD FIELD FIELD SF5 SF5 SF5 ₹ SF4 SF4 SF4 ⋚ SF3 SF3 SF3 **X** W2₁ W2₂ I W32 W34 SF2 SF2 SF2 **X** R W21 W22 1 SF1 SF1 SF1 ₹ α (3M-1)TH FIELD α